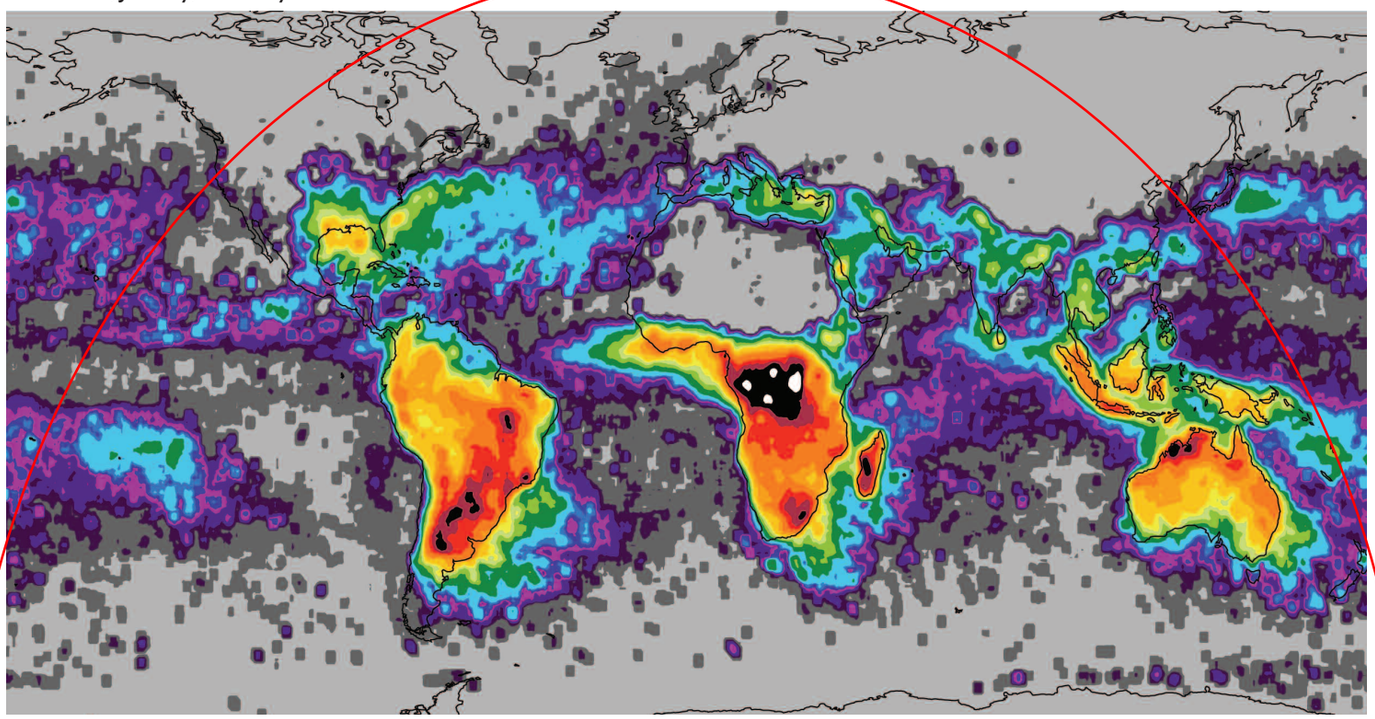
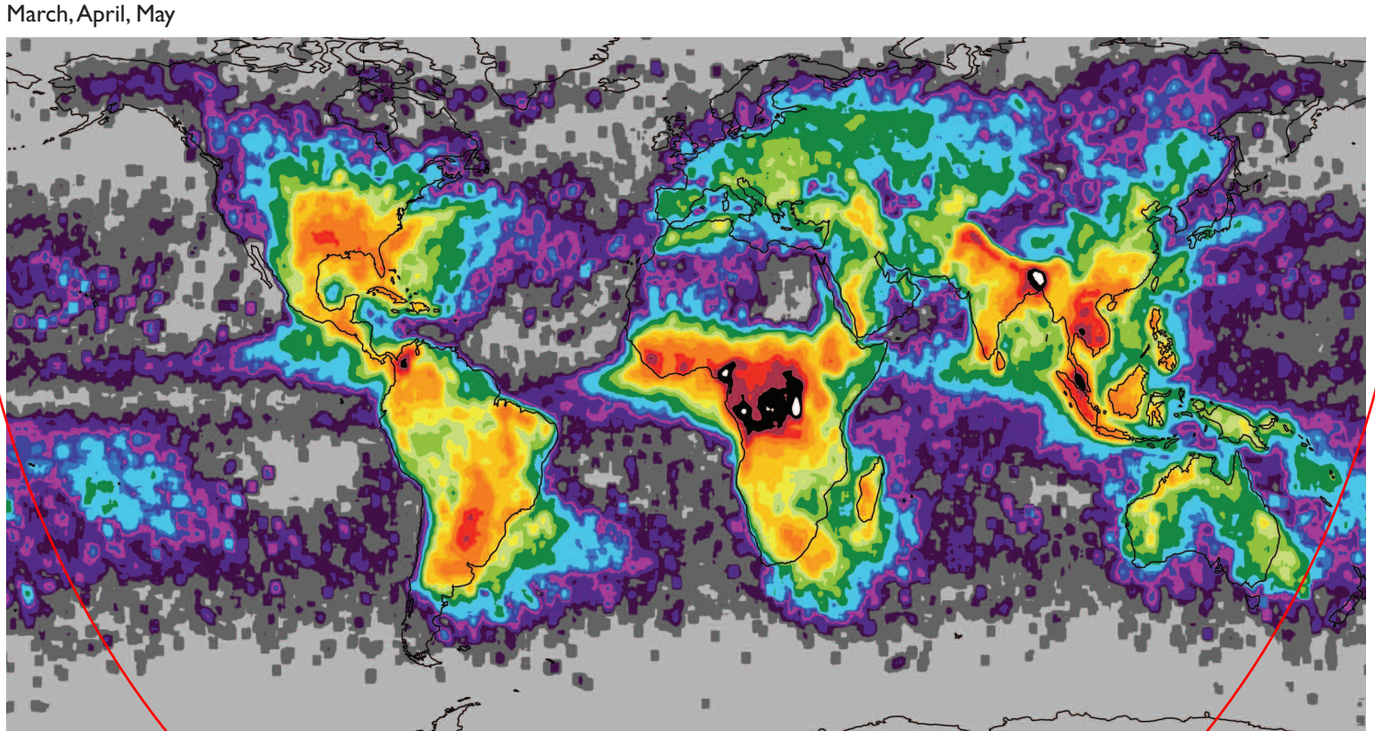
December, January, February

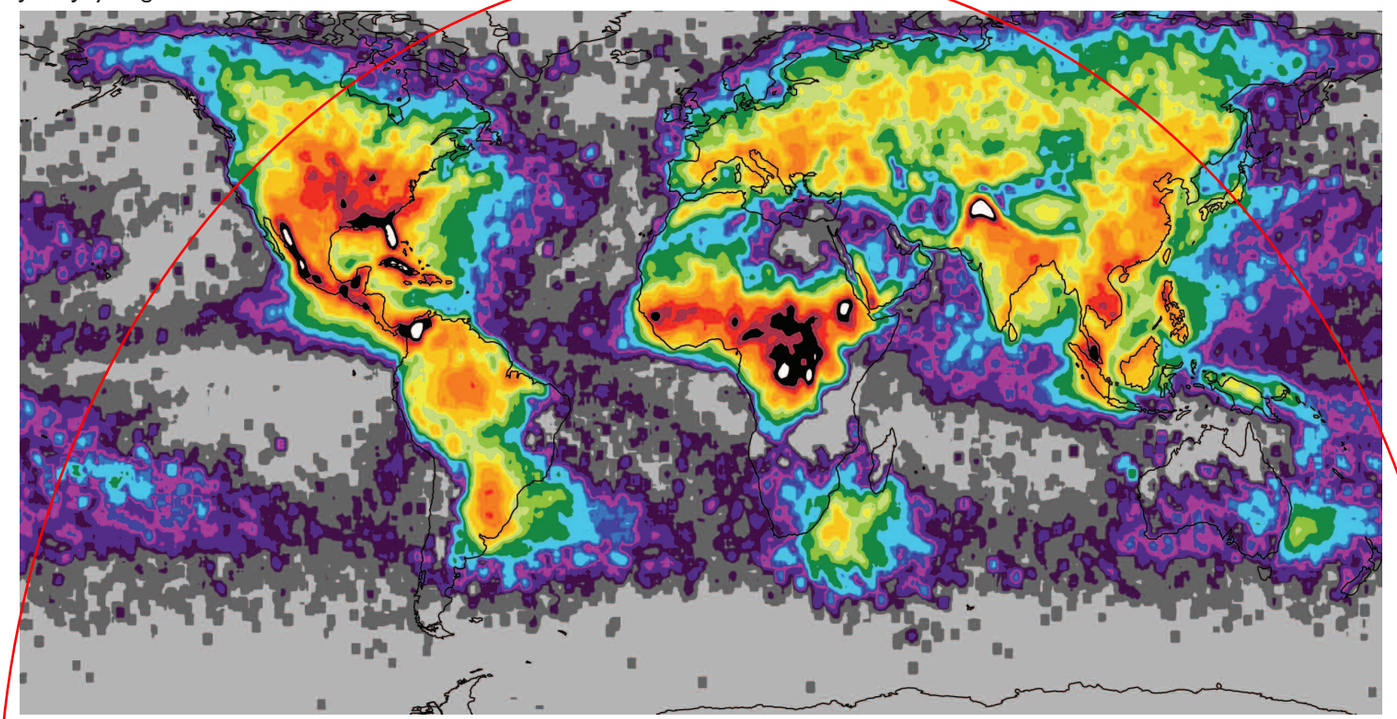


March, April, May

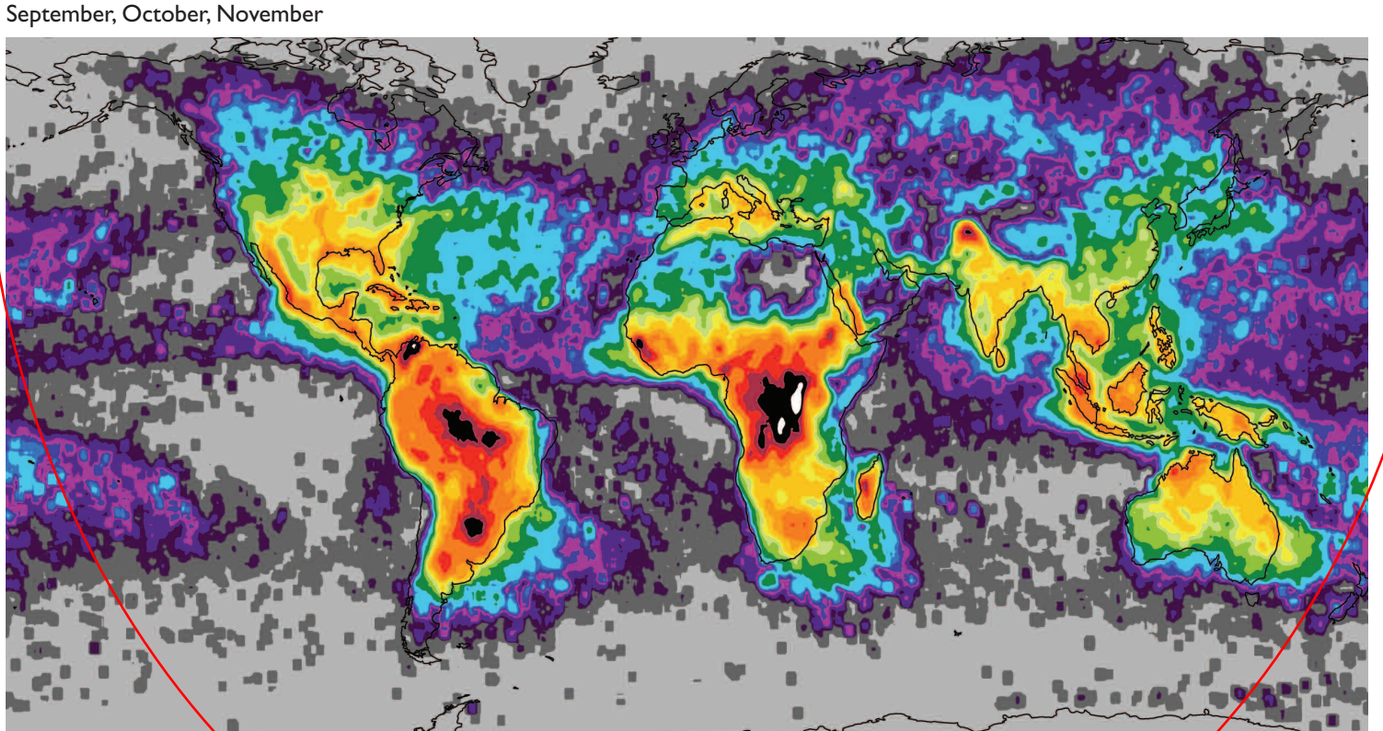


**Annualized Lightning Flash Rate** (flashes per km$^2$ per year)

June, July, August



September, October, November



station at Kamembe, Rwanda, approximately 125 kilometers east of Kifuka, reports thunder on 221 days per year, on average. In North America, thunderstorms and lightning are most prevalent over Florida (59 flashes per square kilometers per year), with most of this activity occurring during the summer and in the afternoon. Similarly, the annual peak in Northern Australia (53 flashes per square kilometer per year) is due primarily to summertime thunderstorms. The peak annual flash rate in South America occurs in Colombia with a value of 110

Equivalent annualized lightning flash rate for each season (flashes per $km^2$ per year). Note that these rates are scaled to a full year for comparison with the annual map. Divide values by 4 to arrive at the actual seasonal rate. (Data from the LIS instrument on the TRMM satellite, and the OTD instrument on the OrbView-1 satellite.)